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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/748,304	12/27/2000	Dah-Wei Duan	IV00-001.2	4413

28112 7590 10/20/2004

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EXAMINER

SALTARELLI, DOMINIC D

ART UNIT	PAPER NUMBER
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2611

DATE MAILED: 10/20/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b> 09/748,304	<b>Applicant(s)</b> DUAN ET AL.	
	<b>Examiner</b> Dominic D Saltarelli	<b>Art Unit</b> 2611	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 27 December 2000.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-114 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-22 and 47-90 is/are allowed.
- 6) ☒ Claim(s) 23,46,91 and 114 is/are rejected.
- 7) ☒ Claim(s) 24-45 and 92-113 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)  | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>3/9/01</u> . | 6) <input type="checkbox"/> Other: _____  |

## **DETAILED ACTION**

### ***Specification***

1. The disclosure is objected to because of the following informalities: Pages 1-3 of the specification are missing the serial numbers and filing dates of the listed co-pending applications. Appropriate correction is required.

### ***Claim Objections***

2. Claim 1 is objected to because of the following informalities: The step identifying labels, a) through h), mentioned in line 31 are missing. Appropriate correction is required.

3. Claim 2~~4~~ is objected to because of the following informalities: The step identifying labels, a) through h), mentioned in line 26 are missing. Appropriate correction is required.

4. Claim 47 is objected to because of the following informalities: The step identifying labels, a) through h), mentioned in line 31 are missing. Appropriate correction is required.

5. Claim 69 is objected to because of the following informalities: The step identifying labels, a) through h), mentioned in line 31 are missing. Appropriate correction is required.

6. Claim 106 is objected to because of the following informalities: Line 1 reads "The system of claim 106" and should be changed to --The system of claim 105--.  
Appropriate correction is required.

***Claim Rejections - 35 USC § 102***

7. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

8. Claims 23, 46, 91, and 114 rejected under 35 U.S.C. 102(b) as being anticipated by Day et al. (5,996,015, submitted by applicant, March 9, 2001) [Day].

Regarding claims 23 and 91, Day discloses a digital video data service system (fig. 1, server system 107, 109, 111) in communication with a plurality of computer systems (fig. 1, clients 101) to provide digital video data files to one of the computing systems (multimedia assets, col. 3, lines 39-65), comprising:

A plurality of digital video data file storing devices (fig. 2, multimedia server 201, col. 4, lines 24-29 contains file system 215 which is comprised of a plurality of disks for storing digital data) in communication with each other and with any of the plurality of computing systems (as shown in fig. 2); and

A segmentation apparatus (data pump 213 in fig. 2) in communication with the plurality of digital video data file storage devices, which, at a request of any of the digital video data files, dynamically fragments any requested digital video data file into a plurality of segments to facilitate transfer to and processing by one of the computing system of said segments (col. 6, lines 9-25).

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Regarding claims 46 and 114, Day discloses the systems of claims 23 and 91, wherein the digital data is a video file to be transferred isochronously to the computing system (the "commonization" process is used to ensure a constant transfer bit rate, col. 5 line 53 – col. 6 line 25).

### ***Allowable Subject Matter***

9. Claims 1-22 and 47-90 are allowed.
10. Claims 24-45 and 92-113 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

### ***Conclusion***

11. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Stallmo et al. (5,657,468), Rathunde (5,574,851), and Don et al. (6,546,457).
12. The following are suggested formats for either a Certificate of Mailing or Certificate of Transmission under 37 CFR 1.8(a). The certification may be included with all correspondence concerning this application or proceeding to establish a date of mailing or transmission under 37 CFR 1.8(a). Proper use of this procedure will result in such communication being considered as timely if the established date is within the required period for reply. The Certificate should be signed by the individual actually depositing or transmitting the correspondence or by an individual who, upon information and belief, expects the correspondence to be mailed or transmitted in the normal course of business by another no later than the date indicated.

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## Certificate of Mailing

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Please refer to 37 CFR 1.6(d) and 1.8(a)(2) for filing limitations concerning facsimile transmissions and mailing, respectively.


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dominic D Saltarelli whose telephone number is (703) 305-8660. The examiner can normally be reached on M-F 10-7.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Christopher Grant can be reached on (703) 305-4755. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Dominic Saltarelli  
Patent Examiner  
Art Unit 2611

DS



VIVEK SRIVASTAVA  
PRIMARY EXAMINER